

Title (en)

USE OF POLYMERS AS FILTERING AIDS AND/OR STABILIZERS

Title (de)

VERWENDUNG VON POLYMERISATEN ALS FILTERHILFS- UND/ODER STABILISIERUNGSMITTEL

Title (fr)

UTILISATION DE POLYMERES EN TANT QU'AUXILIAIRES DE FILTRATION ET / OU STABILISANTS

Publication

**EP 1333906 A1 20030813 (DE)**

Application

**EP 01976311 A 20011013**

Priority

- DE 10051266 A 20001016
- EP 0111861 W 20011013

Abstract (en)

[origin: DE10051266A1] Inert filter aid comprises 20-95 wt.% polystyrene and 5-80 wt.% silicate, carbonate, oxide, silica gel, diatomaceous earth and/or polymers. Filter aid comprises 20-95 wt.% polystyrene and 5-80 wt.% silicate, carbonate, oxide, silica gel, diatomaceous earth and/or polymers. Independent claims are included for the filter aid obtained, a liquid filtering process using this aid and polymers containing this filter aid.

IPC 1-7

**B01D 39/04**; **B01D 39/06**

IPC 8 full level

**A23L 2/70** (2006.01); **B01D 37/02** (2006.01); **B01D 39/04** (2006.01); **B01D 39/06** (2006.01); **B01J 20/26** (2006.01); **C12C 7/16** (2006.01); **B01D 39/16** (2006.01)

CPC (source: EP KR US)

**B01D 39/04** (2013.01 - EP KR US); **B01D 39/06** (2013.01 - EP US); **B01D 2239/10** (2013.01 - EP US)

Cited by

CN103865060A; DE102015121383A1; WO2017097864A1; US10501606B2; EP1751266A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**DE 10051266 A1 20020425**; AR 031139 A1 20030910; AT E337845 T1 20060915; AU 2001295620 B2 20051110; AU 9562001 A 20020429; BR 0114621 A 20031223; BR 0114621 B1 20110208; CA 2425715 A1 20030414; CA 2425715 C 20090811; CN 1207079 C 20050622; CN 1469768 A 20040121; CU 23348 A3 20090220; CZ 20031067 A3 20031112; DE 50110897 D1 20061012; DK 1333906 T3 20070108; DO P2001000279 A 20011031; EP 1333906 A1 20030813; EP 1333906 B1 20060830; ES 2271076 T3 20070416; IL 154859 A0 20031031; IL 154859 A 20071031; JP 2004511334 A 20040415; JP 4029033 B2 20080109; KR 20030068138 A 20030819; KR 20080052684 A 20080611; MX PA03002312 A 20030624; NO 20031617 D0 20030409; NO 20031617 L 20030409; NZ 524947 A 20050324; PL 201269 B1 20090331; PL 361034 A1 20040920; PT 1333906 E 20061130; RU 2003114421 A 20040910; RU 2309005 C2 20071027; TW I302111 B 20081021; UA 77164 C2 20061115; US 2004094486 A1 20040520; US 2020346147 A1 20201105; WO 0232544 A1 20020425; ZA 200303760 B 20040705

DOCDB simple family (application)

**DE 10051266 A 20001016**; AR P010104823 A 20011015; AT 01976311 T 20011013; AU 2001295620 A 20011013; AU 9562001 A 20011013; BR 0114621 A 20011013; CA 2425715 A 20011013; CN 01817469 A 20011013; CU 20030083 A 20030416; CZ 20031067 A 20011013; DE 50110897 T 20011013; DK 01976311 T 20011013; DO 2001000279 A 20011031; EP 0111861 W 20011013; EP 01976311 A 20011013; ES 01976311 T 20011013; IL 15485901 A 20011013; IL 15485903 A 20030310; JP 2002535778 A 20011013; KR 20037005267 A 20030415; KR 20087010127 A 20080428; MX PA03002312 A 20011013; NO 20031617 A 20030409; NZ 52494701 A 20011013; PL 36103401 A 20011013; PT 01976311 T 20011013; RU 2003114421 A 20011013; TW 90125539 A 20011016; UA 2003054392 A 20011013; US 202016817181 A 20200312; US 39817903 A 20030402; ZA 200303760 A 20030515